

109.1 - Organics

Technical Contact: michele.schantz@nist.gov

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	solution	PAHs	pesticides	PCBs	misc	matrix	PBDEs	fatty acids	dioxins/furans	nitro-PAHs	Me-Hg
869b	Column Selectivity Test Mixture for Liquid Chromatography	5 x 1.1 mL											
870	LC Performance	5 x 1.1 mL											
877	Chiral Selectivity Test Mixtures for Liquid Chromatography	5 x 1.1 mL											
1491a	Methyl-Substituted Polycyclic Aromatic Hydrocarbons in Toluene	5 x 1.2 mL	x	x									
1492	Chlorinated Pesticides/Hexane	5 x 1.2 mL	x		x								
1493	PCB Congeners	5 x 1.2 mL	x			x							
1494	Aliphatic Hydrocarbons	5 x 1.2 mL	x				x						
1543	GC/MS System Performance	4 x 1 mL											
1580	Shale Oil	5 x 1.2 mL		x				x					
1582	Petroleum Crude Oil	5 x 1.2 mL		x				x					
1584	Phenols in Methanol	5 x 1.2 mL	x				x						
1586	Isotope Label Pollutants	6 x 2 mL	x				x						
1588b	Organics in Cod Liver Oil	4 x 1.2 mL			x	x	x	x	x	x			
1596	Dinitropyrene Isomers and 1-Nitropyrene in Methylene Chloride	5 x 1.3 mL	x									x	
1597a	Complex Mixture of Polycyclic Aromatic Hydrocarbons Coal Tar	3 x 1.3 mL		x				x					
1614	Dioxin in Isooctane	6 x 1.2 mL	x								x		
1639	Halocarbons (in Methanol)	5 x 1.2 mL	x				x						
1647e	Priority Pollutant PAHs	set (5)		x									
1649b	Urban Dust	1 bottle with 2 grams		x	x	x	x	x			x	x	
1650b	Diesel Particulate Matter	200 mg		x			x	x				x	

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1939a	PCBs in River Sediment A	50 g			x	x		x					
1941b	Organics in Marine Sediment	50 g		x	x	x	x	x					
1944	New York/New Jersey Waterway Sediment	50 g		x	x	x	x	x			x		
1945	Organics in Whale Blubber	2x15 g			x	x		x	x				
1946	Lake Superior Fish Tissue	5 x 7-9 grams			x	x		x		x			x
1947	Lake Michigan Fish Tissue	5 x 8 grams			x	x		x	x	x			x
1953	Organic Contaminants in Non-Fortified Human Milk	5 vials x 5 mL			x	x	x	x	x		x		
1954	Organic Contaminants in Fortified Human Milk	5 vials x 5 mL			x	x	x	x	x		x		
1957	Organic Contaminants in Non-Fortified Human Serum	5 vials x 10 mL			x	x		x	x				
1958	Organic Contaminants in Fortified Human Serum	5 vials x 10 mL			x	x		x	x				
1974b	Organics in Mussel Tissue (<i>Mytilus edulis</i>)	5 x 8-10 g	x	x	x	x							x
1975	Diesel Particulate Extract	4x1.2 mL		x				x				x	

NOTE 1566b and 2976 also have methylmercury values assigned

Also, see page 1 of the Environmental Brochure (NIST SRMs for Environmental Materials) for the listing of the 3000 series calibration solutions and components.

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2257	PBDE Congeners in 2,2,4-Trimethylpentane	5 x 1.2 mL	x							x
2258	BDE 209 in 2,2,4-Trimethylpentane	5 x 1.2 mL	x							x
2259	PCB Congeners in 2,2,4-Trimethylpentane	5 ampoules x 1.2 mL	x			x				
2260a	Aromatic Hydrocarbon in Toluene	5 x 1.2 mL	x	x						
2261	Chlorinated Pesticides in Hexane	5 x 1.2 mL	x		x					
2262	Chlorinated Biphenyl Congeners in Isooctane	5 x 1.2 mL	x			x				
2264	Nitrated Aromatic Hydrocarbons in Methylene Chloride I	5 x 1.2 mL	x							x
2265	Nitrated Polycyclic Hydrocarbons in Methylene Chloride II	5 x 1.2 mL	x							x

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2266	Hopanes and Steranes in, 2,2,4 Trimethylpentane	5 x 1.2 mL	x				x						
2267	Deuterated Levoglucosan in Ethyl Acetate	5 x 1.2 mL	x				x						
2268	Carbon-13 Labeled Levoglucosan in Ethyl Acetate	5 x 1.2 mL	x				x						
2269	Perdeuterated PAH-I Solution in Hexane/Toluene	5x1.2 mL	x	x									
2270	Perdeuterated PAH-II Solution in Hexane/Toluene	5x1.2 mL	x	x									
2273	Chlorinated Pesticides (DDTs) and Metabolites in Isooctane	5x1.2 mL	x		x								
2274	PCB Congener Solution-II in Isooctane	5x1.2 mL	x			x							
2275	Chlorinated Pesticide Solution-II in Isooctane	5x1.2 mL	x		x								
2276	Three Planar Polychlorinated Biphenyl (PCB) Congeners in Isooctane	5x1.2 mL	x			x							
2277	Organic Acids in Methanol: Methylene Chloride	5 x 1.2 mL					x						
2278	Deuterated Organic Acids in Methanol: Methylene Chloride	5 x 1.2 mL					x						
2585	Organic Contaminants in House, Dust	10 g		x	x	x		x	x				
2974a	Organics in Freeze-Dried Mussel Tissue (<i>Mytilus edulis</i>)	5 g		x	x	x		x	x				x
2975	Diesel Particulate Matter	1 g		x			x	x				x	
2977	Mussel Tissue (Organic Contaminants and Trace Elements)	10 g			x				x				
8466	Y-HCH (Lindane)	100 mg			x								
8467	4,4'-DDE	100 mg			x								
8469	Pesticide, 4,4'-DDT	100 mg			x								

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